

20001227.qrp v02_n049.qrl.20001227

Date: Wed, 27 Dec 2000 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2049

QRP-L Digest 2049

Topics covered in this issue include:

- 1) [87215] Holiday Milliwatt Contest Day 1 de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 2) [87216] NQ9RP Day 1 results for Holiday Milliwatt contest
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 3) [87217] Holiday Milliwatt Contest - Day 1
by david gauding <david.gauding@bbs.galilei.com>
- 4) [87218] MW test
by "Tom Whalen" <wb5qyt@abq.com>
- 5) [87219] Last Call for SMK-1 Kits
by "Doug Hendricks" <ki6ds@dospalos.org>
- 6) [87220] Late Xmas present
by "Tom Whalen" <wb5qyt@abq.com>
- 7) [87221] extendable poles -- roof rakes?
by "Dave Benham" <dodgeboy@mindspring.com>
- 8) [87222] RE: PSK-31 used commercially?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 9) [87223] Re: Epiphyte 3
by "Don C. Faith III" <Faithd@tds.net>
- 10) [87224] pole problem?
by "Tom Whalen" <wb5qyt@abq.com>
- 11) [87225] Re: CC&R's
by Jim Lowman <jmlowman@ix.netcom.com>
- 12) [87226] pole problem solved
by "Tom Whalen" <wb5qyt@abq.com>
- 13) [87227] Re: CC&R's
by "Paul Christensen" <paulc@mediaone.net>
- 14) [87228] Wal Mart SKU #...RE: Poles
by "Tom Whalen" <wb5qyt@abq.com>
- 15) [87229] Re: HF Antenna f/s
by Atlee Kohl <Atlee@doubtless.com>
- 16) [87230] Fox- K4FB:Final Fox of Y2K
by Paul Womble <pwomble1@tampabay.rr.com>
- 17) [87231] Re: CC&R's
by "Bob Hightower" <nk7m@extremezone.com>
- 18) [87232] Whoa! That was CLOSE!
by "K7FD/N7SG" <cqdx@teleport.com>
- 19) [87233] Re: Holiday Milliwatt Contest - Scoring question

- by Bob Kellogg <ae4ic@nr.infi.net>
- 20) [87234] FOX: Maybe I've been doing this wrong!
by John Wagner <john@neknetwork.com>
- 21) [87235] FOX Cub - 27 December 2000
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 22) [87236] Screwdriver Antenna Question
by K4YBB@aol.com
- 23) [87237] RE:FOX - One tired FOX!
by Tim Pettibone <k5oi@zianet.com>
- 24) [87238] Re: CC&R's
by "George, W5YR" <w5yr@att.net>
- 25) [87239] psk20 almost ready for initial test
by bob evinger <wd9eka@arrl.net>
- 26) [87240] Miles per watt
by Tim ORourke <TORourke@KaiserFT.com>
- 27) [87241] Holiday Milliwatt
by Dan Wolfe <n4roa@mounet.com>
- 28) [87242] Followup: Sierra Kit - silver solder needed?? opinions??
by geoff allsup <gallsup@whoi.edu>
- 29) [87243] F/S or swapp
by "Francis Callahan" <colcal@srv.net>
- 30) [87244] Re: Miles per watt
by w4bws@juno.com
- 31) [87245] old address
by w4kyw <gordon@groupz.net>
- 32) [87246] Re: CC&R's
by W1R0@aol.com
- 33) [87247] New call
by "David Maliniak" <dmaliniak@verticalnet.com>
- 34) [87248] re: HW-9 problems
by Duffer <hduff@ica.net>
- 35) [87249] PSK-31.5/MFSK-16
by jaywa5whn@juno.com
- 36) [87250] Re: CC&R's
by baltimoremd@baltimoremd.com
- 37) [87251] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 38) [87252] Another coincidental sailor story
by nilsbull@juno.com
- 39) [87253] OT - Help please -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 40) [87254] Wallpaper
by Larry S Cahoon <wd3p@juno.com>
- 41) [87255] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 42) [87256] Exchange for Holiday Milliwatt Contest?
by "Glenn Butzlaff" <gbutzlaff@voyager.net>
- 43) [87257] Re: Exchange for Holiday Milliwatt Contest?

by KB7WW Art Moe <kb7ww@chatusa.com>
44) [87258] Fox and CC&R's
by "Ron, KU7Y" <ku7y@qsl.net>
45) [87259] Re: Fox and CC&R's
by "Dan W. Dooley" <dandooley@pipeline.com>
46) [87260] RE: Fox and CC&R's
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
47) [87261] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
48) [87262] Tuner-torial
by "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
49) [87263] FS - HW-9
by Radioham <radioham@home.com>
50) [87264] TL082 14pin?
by Ed Kessler <edkess@epix.net>
51) [87265] warbler and digipan
by "kc0bdw" <kc0bdw@email.msn.com>
52) [87266] Re: Tuner-torial
by "Paul Harden, NA5N" <na5n@rt66.com>
53) [87267] Re: warbler and digipan
by "Dan W. Dooley" <dandooley@pipeline.com>
54) [87268] Re: warbler and digipan
by Phil Wheeler <w7ox@earthlink.net>
55) [87269] Re: Tuner-torial
by "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>
56) [87270] Re: TL082 14pin?
by "John J. McDonough" <wb8rcr@arrl.net>
57) [87271] Milliwatt Contest 2025Z de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
58) [87272] Re: TL082 14pin?
by "Paul Harden, NA5N" <na5n@rt66.com>
59) [87273] Re: TL082 14pin?
by "Paul Christensen" <paulc@mediaone.net>
60) [87274] RE: TL082 14pin?
by "Ed Tanton" <n4xy@att.net>
61) [87275] Re: Tuner-torial
by Brendan Minish <EI6IZ@oceanfree.net>
62) [87276] Milliwatt Contest 2120Z de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
63) [87277] Re: TL082 14pin?
by "John J. McDonough" <wb8rcr@arrl.net>
64) [87278] MS-15 kit, Drift problems
by "Steven Weber" <kd1jv@moose.ncia.net>
65) [87279] FOX: preliminary log for hunt #19
by Tim Pettibone <k5oi@zianet.com>
66) [87280] Need help-SWR increases with power...
by "Steve Hanson" <ke1lg@qsilver.net>
67) [87281] K1 30 meter band module question

- by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 68) [87282] Wacky Reciever Quandary
by <sdmarko@attglobal.net>
- 69) [87283] Re: Need help-SWR increases with power...
by Phil Wheeler <w7ox@earthlink.net>
- 70) [87284] Re: Need help-SWR increases with power...
by "John J. McDonough" <wb8rcr@arrl.net>
- 71) [87285] RE: Need help-SWR increases with power...
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
- 72) [87286] Re: warbler and digipan
by "kc0bdw" <kc0bdw@email.msn.com>
- 73) [87287] 30 meter band
by wa4dou@excite.com

Date: Tue, 26 Dec 2000 15:04:37 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [87215] Holiday Milliwatt Contest Day 1 de AL7FS
Message-ID: <3A493215.27212FD7@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska.

I did not spend much time on the air today as most of the time there were very few signals (or none) in the QRP section of ten meters. Towards the end of the contest period I got back on and worked NQ9RP (500mW) in Wisconsin and W7Z0I (250mW) in Oregon. I was running 500mW to my KLM KT34A up at 42 feet.

We still have almost no snow in Anchorage and the temperatures are still running at or above freezing. We hit 47 degrees on Monday last week and 45 degrees on Wednesday. As such, I have no gruesome stories to tell to compete with KJ5TF. 1-2 inches of ice sounds very bad.

I plan to operate the next two days and I hope to work more of you then. Today both 20 and 15 meters were not very good from here...if that holds, look for me on 10 meters.

73, Jim

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Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Wed, 27 Dec 2000 00:21:20 -0600
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "WA9TZE, Jim Akre" <jsakre@execpc.com>, "W9XU, Lon"
<Lon.Richoz@amermsx.med.ge.com>, "NK9G, Rick" <mcgaver@execpc.com>, "AE9K, Brian"
<ae9k@yahoo.com>,
"KF0CT, Chuck" <chu_r@hotmail.com>
Subject: [87216] NQ9RP Day 1 results for Holiday Milliwatt contest
Message-ID: <001f01c06fcd\$3b8dc720\$3e49cfa9@Pjerrys>

Things were a bit slow today in the Holiday Milliwatt Contest. Only worked 7 stations, 5 on 10 mtrs and 2 on 20 mtrs. Ten meters was open very nicely. I had a very nice 2x 500mw QSO with AL7FS today - thanks Jim. I tried 15 mtrs for awhile with no QSOs. 20 mtrs produced 2 QSOs near the end and was capable of a lot more.

NQ9RP was running 500mw today. Since this is a club call (QRP Cheesheads ARC) the QSOs were worth 2000 points to the stations I worked.

Plan for Wednesday, 12/27.....conditions permitting, we will try 100 mw (4000 point QSOs to those I work) starting on 10 mtrs at 2000z. The contest on Wednesday runs 4 hours from 2000z until 0000z. I will also try 15 and 20 mtrs.

Don't forget THURSDAY.....the last day of the contest and the hours will be 2200z until 0200z Friday (4p - 8p CST). I think this one will be mostly 15/20/40 mtr.

We definitely need more activity.....if you're around during the contest hours please give it a try. It is amazing how one can get out with so little power.

Happy Holidays to All

72

Jerry N9AW..... operating as NQ9RP for the Holiday Milliwatt Contest

Date: Tue, 26 Dec 2000 18:24:36 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [87217] Holiday Milliwatt Contest - Day 1
Message-ID: <5.0.2.1.0.20001226181353.00a74bf0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hmmm! Not much to show for Day 1 but had a good time anyway operating on and off.

Logged four stations NC, VA, ME and TX. All on an old Argo 515 at 50 mW and a portable SLX vertical.

Special thanks to K0ZK. Arn hung in there a long time to complete the contact. Lowest power worked was N4ROA with 100 mW. That's QRO for Dan if my memory is correct! <g>

de Dave, NF0R nf0r@slacc.com

Date: Tue, 26 Dec 2000 17:29:39 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [87218] MW test
Message-ID: <MABBIKAEJKMHLIDDGMCKEEMICBAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I had a ball getting in on this MW test! My first contact was with W7Z0I Wes. I didn't even realize there was a contest till he told me, so my pwr for our first qso was at 5w! Later in the day we did make a 10mw to 10mw qso. I sent him a 219 and he gave me a 429! Was a blast and way to go Wes. Always a pleasure working you for sure! That qso figured out to be short of 28,000 miles per watt! Better double check me Wes, as math is not my forte!

Also worked NQ9RP a few times(I was the triple pwr contact) and need to appologize for all that confusion Jerry. You had a consistanly good signal most of the day. As with Wes, I just kept on lowering my pwr and calling you. Was sure fun, but next time I will set it at a low level and leave it

there. Saves much confusion HI HI!

I can say Im really hooked on this QRPP! Was lots of fun, and 10 meters is sure a great band for low power work. Now, Im going to have to build a better antenna..Maybe a 2 ele yagi bye W4RNL..

Thanks again for the fun! 72, Tom WB5QYT..."Have spud will travel!"

Rig used...TT Century 21 and a rotatable dipole at 25ft.

Date: Sat, 26 Dec 1998 16:58:26 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Cc: <WA6GER@aol.com>
Subject: [87219] Last Call for SMK-1 Kits
Message-ID: <007d01be3134\$039f8940\$3dbdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I drove to Modesto today and met Jim Cates at Denny's for lunch where I also gave him the last 100 of the SMK-1 kits. If you want one of these, better order quick, as this is the last of the run, and we won't do another. Details on how to order the kit are on the NorCal page.
<http://www.fix.net/norcal.html>

I have been very busy this month with the basketball team, getting Winter QRPP to the printer and finishing the SMK-1's. Merry Christmas and Happy Holidays to all of you. (Basketball team is 5 - 3, should be 8 - 0, but I am working with a whole new crew, and it takes time. I love being able to coach again, although JoAnne is not thrilled with the idea, grin.)

72, Doug

Date: Tue, 26 Dec 2000 18:19:36 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [87220] Late Xmas present
Message-ID: <MABBIKAEJKMHLIDDGMCKKEMKCBAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

My oldest son Drew(AB5DX) came home with my late Christmas present today..

He came in the door with what looked like ski poles..Guess they could be used for that!

Opened them up and noticed that they extended....Perfect!

Turns out he bought me 2- 15' golf ball retrievers from Wal Wart. Ah, he did listen!

Stats on the poles: Cost 9 bux ea.

5 section aluminum pole collapsed length of 43"

Each section about 3' long

Total length telescoped is 15'

Tapers from about 7/8" to about 3/8

Sections each individually lock so you can adjust the length of each section

Checked with ohm meter from section to section and good continuity. Like I said, the sections lock.

Plan A: One could make a portable, adjustable, rotatable dipole very easy.

Plan B: Take the two poles and make a phased vertical.

Plan C: Just use one pole for a portable vertical. In it's present form the pole is just a bit shy for resonance on 14 mhz, but only shy about 1.5'. A top hat on the very end takes care of that problem. Place a few radials(the more the better) under this pole, feed it with 300 ohm twinlead and you have a nice portable vertical.

Plan D: Drive a big aluminum nail in the thicker end and use it as a ski pole :)

72, Tom WB5QYT...."Have spud will travel!"

PS: I may have to retire the antenna cannon!.....NOT!

Date: Tue, 26 Dec 2000 20:59:54 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [87221] extendable poles -- roof rakes?

Message-ID: <018901c06fa8\$c3816580\$b8d179a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With all the recent talk about various extendable poles for portable antenna usage, I haven't seen anything about roof rakes. The reason I'm asking is because I may need one to scrape snow off my roof before the ice dams get any bigger! However, from the sounds of it, these poles must be pretty long and somewhat sturdy, but I've never seen one in a store. Does anybody out there know anything about them? Would they work for antenna supports? How long do they extend, how much do they cost, where do you buy them, etc?

Thanks & 73,
Dave K8TRF

Date: Tue, 26 Dec 2000 21:00:28 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87222] RE: PSK-31 used commercially?
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C94A@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I don't believe so, although some commercial operation may ultimately pick up on it.

Phase-shift keying has been in use for decades, as are variation of the "varicode" concept of using shorter coding sequences for more common letters in any particular human language.

PSK-31 was optimized for keyboard-to-keyboard communications, not a very common-mode in commercial services. Most commercial digital communications is done much faster than PSK-31, often using multitone encoding, spread spectrum or other techniques not permitted on HF by present amateur rules.

73,
Ed Hare, W1RFI

-----Original Message-----
From: K2UD@aol.com [mailto:K2UD@aol.com]
Sent: Tuesday, December 26, 2000 4:45 PM

To: Low Power Amateur Radio Discussion
Subject: PSK-31 used commercially?

Like it says, are there services out in radio land who use PSK-31 commercially? Seems like too much of a blockbluster mode to go unnoticed.

TNX all es 72

Howard Kraus, K2UD

Date: Thu, 21 Jan 1999 07:14:06 -0600
From: "Don C. Faith III" <Faithd@tds.net>
To: qrp-1@Lehigh.EDU
Subject: [87223] Re: Epiphyte 3
Message-ID: <36A7281E.9FD928B6@tds.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Received comments from a number of people and it was indicated that the sockets were omitted (in exchange for the 10 turn pot). I'll just use sockets from my stash of stuff. A more than fair trade. No web site links were noted.

Tnx for the responses. 73 de N9WR, Don C. Faith III

Date: Tue, 26 Dec 2000 19:09:00 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [87224] pole problem?
Message-ID: <MABBIKAEJKMHLIDDGMCKCEMLCBAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I hurriedly made some continuity checks on the poles I talked about earlier. I made a continuity check from section 5 to section 2. It checked out ok on the ohm meter. Later re-checked the continuity from section 1 to section 5

and no bueno. Only the last section has this coating on the aluminum. So, don't haul it to Wal Mart yet. These poles may make good support poles for a wire antenna, but for a vertical....still experimenting, but will advise what I come up with.

I will try to take first and second section apart and see if I can't file it for a good connection...

If all else fails I will take up the game of golf as I know I will be spending most of my time in the sand traps and these poles will come in handy HI HI!

72, Tom WB5QYT...."Have spud will travel!"

Date: Tue, 26 Dec 2000 18:36:35 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: W1RO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87225] Re: CC&R's
Message-ID: <3A4955B3.E3CB51E6@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W1RO@aol.com wrote:

>I live in a CC&R neighborhood that has not enforced the CC&R's
> for over 15 years. Once the developer moved on and the owners got too busy
> to play neighborhood policemen all CC&R's are ignored.

This brings up a question that I have about CC&Rs...it seems that once the developer moves on, he should no longer have any interest in the development, and that these restrictions should expire, unless a HOA comes along to continue them or rewrite them. Seems logical to me. What's the real story?

72 de Jim - AD6CW

Date: Tue, 26 Dec 2000 19:34:07 -0700
From: "Tom Whalen" <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [87226] pole problem solved
Message-ID: <MABBIKAEJKMHLIDDGMCKMEMLCBAA.wb5qyt@abq.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

These Wal Wart poles can be taken completely apart and put back together again. The problem with no continuity is solved. The first section has a coating on it. Turns out it is coated on the inside also which made for no contact with section 2. I just took some steel wool on a drill bit and honed out the tube. Works fine now!

If interested in the entire procedure, I will go thru it more thoroughly...

72, Tom WB5QYT..."Have spud will travel!"

Date: Tue, 26 Dec 2000 21:41:36 -0700
From: "Paul Christensen" <paulc@mediaone.net>
To: <jmlowman@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87227] Re: CC&R's
Message-ID: <002201c06fbf\$4bc34920\$136d8118@paulc.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

and that these restrictions should expire, unless a HOA comes along to continue
>them or rewrite them. Seems logical to me. What's the real story?

Every agreement is different and each state may enact their own statutes that can materially affect the manner in which the CC&R transfers.

The only way to know for sure is to read and understand every term of the covenant you have contractually agreed to when purchasing your property.

-Paul, W9AC

Date: Tue, 26 Dec 2000 19:58:29 -0700

From: "Tom Whalen" <wb5qyt@abq.com>
To: <pwomble1@tampabay.rr.com>
Cc: <qrp-1@lehigh.edu>
Subject: [87228] Wal Mart SKU #...RE: Poles
Message-ID: <MABBIKAEJKMHLIDDGMCKKEMMCBAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

15 ft Ball Retriever RH-01/15
Scan # 05388 44279

BTW: They also make a 9' model.

72, Tom WB5QYT..."Have spud will travel!"

Date: Tue, 26 Dec 2000 21:31:16 -0600
From: Atlee Kohl <Atlee@doubtless.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87229] Re: HF Antenna f/s
Message-ID: <3A496284.E654F7B4@doubtless.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Sommer DJ2UT multi-band HF beam antenna, Model XP705 (six bands, up to 5 elements) for sale. Purchased 1994, up in 1995, garaged since 1999.
\$ 350 Antenna needs to be picked up here in North Texas. Please email Mark, KB5NHO at Mark@doubtless.com or call 1 800 633-5273 ext 128 weekdays. 73, Atlee NT5W

Date: Tue, 26 Dec 2000 22:39:03 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87230] Fox- K4FB:Final Fox of Y2K
Message-ID: <3A496457.739FED49@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4FB will be the last fox for the year 2000 this Thursday @ 9pm EST.
That's 0200z on 12/29 UTC.

I will probably start around 7041 listening up. Our forecast is for rain
Thursday here in Central FL so maybe the power line noise will be low.

Please do not call close to my transmit frequency. I will not be
listening there!! Try up at least 1 during the first hour of the
hunt...as things slow down then I'll move in closer. Every hunt I
listen to the same guys calling over and over on the fox transmit
frequency...even though he is NOT answering anyone there. Keeping the
frequency clear will help everyone.

I will be using K2 # 568 @ 5 watts to a 40m inverted-vee up 70'.

Hope to hand out many pelts.

73
Paul K4FB

Date: Tue, 26 Dec 2000 20:50:56 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <jmlowman@ix.netcom.com>
Cc: "qrp" <qrp-1@lehigh.edu>
Subject: [87231] Re: CC&R's
Message-ID: <001301c06fb8\$398a3b80\$3d1df5cc@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Jim Lowman" <jmlowman@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 26, 2000 7:36 PM
Subject: Re: CC&R's

> W1R0@aol.com wrote:
>
> >I live in a CC&R neighborhood that has not inforced the CC&R's
> > for over 15 years. Once the developer moved on and the owners got too
busy

> > to play neighborhood policemen all CC&R's are ignored.
>
> This brings up a question that I have about CC&Rs...it seems that once the
> developer moves on, he should no longer have any interest in the
development,
> and that these restrictions should expire, unless a HOA comes along to
continue
> them or rewrite them. Seems logical to me. What's the real story?
>

That seems to be the case. When we bought this place, 13 years ago, there were restrictions filed, but no one to enforce them, and the city/county was not interested in doing so. The clerk told us that, as long as there was no HOA in existence, the restrictions were meaningless.

There are 4 towers within a mile of my house, and a couple of verticals, not to mention the TV antennas, etc..

OTOH, my brother lives in a restricted area, with a HOA, and he is forced to use a hidden vertical, cleverly camouflaged as a tree. Anything else brings the neighborhood cops down.

Date: Tue, 26 Dec 2000 19:49:57 -0800
From: "K7FD/N7SG" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [87232] Whoa! That was CLOSE!
Message-ID: <002101c06fb8\$187bb540\$4c231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Just got home from a big dinner out at the local sushi bar...and thought I'd check my email. Hmmm, there's the Fox notice from K4FB for Thursday...

...FOX!?!?! Yikes, tonight is Tuesday!! With less than 20 minutes left I jammed everything into low gear (it's qrp, ya' know) and got on 40m pronto. Uh oh...sounds dead... wait...yesss! There's Tim!

Whew...nabbed K50I just in the nick of time...thanks Tim! And THANKS Paul for posting that upcoming Fox reminder!! Without reading that post, I would have been kicking myself...

Guess the holidays got my internal clock all goofed up...almost missed an 'easy' one after sweating over all those midwest/east coast foxii...

72 John K7FD

Date: Tue, 26 Dec 2000 22:36:51 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Jerry Scherkenbach <jerrys@execpc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87233] Re: Holiday Milliwatt Contest - Scoring question
Message-ID: <3A4963D3.2D6E905C@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi again, Jerry,

Sounds like some people are having a lot of fun with the Milliwatt Contest, and that's what it's all about!

You can count the station only once on the same band. Which contact you choose to count is up to you. Obviously, the calling station wants to use the lowest power contact.

Since you were a Club station, the rules state that you can't lower your power at the request of another station. You can choose to run what ever power you want, and change it whenever you want. But, you can't play the "lower the power" game with each contact.

And, yes, you can work the same stations again each night of the contest. They and you can then pick the best two nights to submit for scoring.

The main thing is to have fun. The rules are just to keep the playing field as level as possible.

Jerry Scherkenbach wrote:

>

> Thanks Bob. Sorry for all of the questions but here is one more. I had
> one station call me 3 times on 10 meters with different power levels, does
> each contact count or should I pick one ??

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

Date: Tue, 26 Dec 2000 23:06:31 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87234] FOX: Maybe I've been doing this wrong!
Message-ID: <3A496AC7.F82A7C2F@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Usually when I'm going to be "in the hunt", I'm sitting at the rig 10 minutes before heading out, warming up the ears, double checking the keyer, playing switcheroo with the two antenna's, etc...

It's been taking me over an hour to bag the fox the times I've really tried. Sometimes I'll go have a Q on another band just to break up the time. Sometimes I don't bag the fox in the entire 2 hours.

Tonight I forgot all about the hunt. I finally remembered about 2245 EST, walked over and turned on the rig, tuned and caught the tail end of "ONT FRED 5W" ... hunted around a bit, but no fox. Switched over to the vertical and heard "FOX" and it faded. FIRE!!!! ... "KB1?" ... FIRE!!! KB1ENS 559[you know the rest]. Out in the field about 5 minutes, turn the rig off, send this email and I'm QRT to bed.

GO NEHC!!!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Tue, 26 Dec 2000 23:11:56 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [87235] FOX Cub - 27 December 2000
Message-ID: <LPBBJAGIPFHKPJENAKLOEPPDEAA.n1bq@wulfdan.org>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Well my second big night (for me anyway) is fast approaching tomorrow (Wednesday) evening from 0200-0400z Thursday I will take my next turn as Monsieur le Fox ... I will start out at about 7141 KHz and listen +/- I am going to try to work split and range +/- 3KHz, but if I get shakey I will go back to RIT and +/- 1KHz.

I will call: QRZ FOX DE N1BQ K

I expect: <yourcall>

I will send: <yourcall> 55N VT BRIAN 5W <yourcall> BK

You will send: <rst> <state> <yourname> <power> BK

I confirm by sending: TU. QRZ FOX DE N1BQ K
or request repeat.

I will be running my Alinco DX77T set to 5 watts to a G5RV that has pretty good exposure all around. As said before I am a 'slow-code' Extra and I guarantee that it won't go over 10 wpm. I have a Tick3 keyer and will have both memories programmed with the call (this time it will be "QRZ FOX ..." and not "YRZ FOX ..." - I was so bloody nervous I never noticed it until one of the hounds told me in an email!) and half the response so my fist will have as little opportunity as possible to screw up ... soooooooooo ... TALLEY HO!

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

mailto:n1bq@wulfdn.org

AMSAT LM-1418 NJQRP #274

QRP-L #2276 Zombie #768

Date: Tue, 26 Dec 2000 23:40:37 EST

From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Cc: K4YBB@aol.com
Subject: [87236] Screwdriver Antenna Question
Message-ID: <32.e77fd60.277accc5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

QRP-L Group: I am considering the purchase of a antenna called a
"Screwdriver."

I would like to have direct e-mail ONLY comments from the group, both positive and negative, about this antenna. I would also like suggestions where to purchase one of these antennas as my limited research leads me to believe that there are more than 2 possible sources for this antenna and I would like to find the best price and the best guarantee available considering the price paid. All comments + / - appreciated. PLEASE reply direct to <k4ybb@aol.com> ONLY, Thank You

72 / 73

Jim K4YBB

Date: Tue, 26 Dec 2000 21:51:25 -0700
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [87237] RE:FOX - One tired FOX!
Message-ID: <4.3.2.7.0.20001226213716.00a95340@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

Well, spent the day rearranging the shack (always a dangerous practice) and been working on getting my LOGic logging program to talk to the rig (settled on the TS140S since the K2 is kind of open for some work). Finally did get the computer keying the rig and set up LOGic in contest mode. Then I discovered that my CMOSII keyer developed a keyline hiccup and had to go in and resolder a couple of things. Then I discovered the little ball bearing in the TS140S tuning knob was loose and rattling around inside the knob. Took it apart and fixed it. Had to readjust a couple of my paddles and started sorting several hundred qsls that I haven't filed yet (yes, I've returned them all). Think I must have lost my mind - the shack was in total disarray all day and got it all sorted out about 30 minutes before 0200z.

GAP Titan is sitting up 5 feet off the backyard lawn stuck in a patio table like an umbrella with 3 rope guys to keep it from toppling over. When I put it up yesterday the WX was great, clear and no wind. This morning we had snow on the ground and a pretty stiff breeze blowing - not usual for sunny southern New Mexico. I used the GAP for most of the hunt but did resort to the dipole for awhile when I wasn't working anybody. Noise levels were a constant s7 and signals were up and down a lot. I did go for several dry spells - just couldn't pull anyone out.

Worked 85, failing to make my intended 100 and less than the 90 on my first time out this season. But I had fun. Tried to work everybody I could hear. I know there were several down in the mud that I couldn't pull out of the noise. The computer logging helped me avoid some of the transcription errors I made last time (at least I think so, we'll see I guess). I'm still getting used to computer operation so it took awhile to get into the swing. I think I can optimize the operation but won't need it for awhile anyway.

I'll post a preliminary log tomorrow (hoping to figure out the Report Writer function of LOGic!) Thanks to all for a fun time. The very happiest new year to you all.

Tim K5OI
QRP-L# 73
Las Cruces, NM

Date: Tue, 26 Dec 2000 23:01:27 -0600
From: "George, W5YR" <w5yr@att.net>
To: nk7m@extremezone.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87238] Re: CC&R's
Message-ID: <3A4977A7.51EABBE6@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In Texas, the CC&Rs attach themselves to the ownership of the property and "live on" even after the original author may have moved away or lost interest or whatever. They are filed just like a deed and constitute an encumbrance on the property.

If no one "cares" to object to any violation, then there is no problem - at that time. But, with CC&Rs, if at any time in the future someone moves into that area and decides to object to something, their objection

takes on the force of law and they have an action that can be taken to court. And usually win.

I know of no legal way to circumvent CC&Rs once they attach themselves to a property. They are just like the property lines on the ground - part of the deal.

I suppose that one could somehow get all the property owners involved together and get some sort of legal instrument developed that would modify the CC&Rs and/or replace them, but I have not heard of that being done.

In my case, one developer started the area I live in and wrote very stringent covenants. Before the land was fully developed, he sold to another developer who had some sense and who effectively cancelled the original covenants and replaced them with sensible covenants. Those who settled here first are stuck with the original ones on their deeds, while those of us who came later are not. I suspect that it would be a trivial matter to have those deeds "adjusted" to reflect the current covenants, but again I do not know what the law is.

Nasty business - buyer beware!

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bob Hightower wrote:

> > This brings up a question that I have about CC&Rs...it seems that once the
> > developer moves on, he should no longer have any interest in the
> development,
> > and that these restrictions should expire, unless a HOA comes along to
> continue
> > them or rewrite them. Seems logical to me. What's the real story?
> >
>
> That seems to be the case. When we bought this place, 13 years ago, there
> were restrictions filed, but no one to enforce them, and the city/county
> was not interested in doing so. The clerk told us that, as long as there was
> no HOA in existence, the restrictions were meaningless.
>
> There are 4 towers within a mile of my house, and a couple of verticals, not
> to mention the TV antennas, etc..
>

> OTOH, my brother lives in a restricted area, with a HOA, and he is forced to
> use a hidden vertical, cleverly camouflaged as a tree. Anything else brings
> the neighborhood cops down.

Date: Tue, 26 Dec 2000 23:55:12 -0500 (EST)
From: bob evinger <wd9eka@arrl.net>
To: gary stout <pwrbrasc@juno.com>, wvara list <wvara@indiana.net>, qrp-
l@lehigh.edu
Cc: dave@smallwonderlabs.com
Subject: [87239] psk20 almost ready for initial test
Message-ID: <Pine.LNX.4.21.0012262346500.932-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Christmas morning brought me a PSK-20 and my Shanghaied warbler.
I decided to do the PSK-20 first, Just finished getting all the
parts soldered in. It probably took me somewhere around 7 hours
to get to this point over 2 days.

Time for bed. tomorrow I do a second visual check before trying
the alignment.

I had a few missing parts. all 4 4.7k resistors(found some in my
parts bin) and one 47pf cap(which required a trip to town since
I couldnt find one in my drawers). Oddly enough, when I got done I had
5
extra components. 4 2.2k resistors and a 330 pf cap.

Other than the parts, assembly was a breeze. I was concerned about
winding the toroids, but it turned out pretty easy.

with fingers crossed 72
bob

--
Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Wed, 27 Dec 2000 06:28:14 -0500
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [87240] Miles per watt

Message-ID: <B157350CEE0BD411867B00A0C922E5D407D709@MAIL>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

I do not know if this is a record but on 12/26 I worked Greece 10 M SSB from Charlotte NC with 500mw he was 350mw. 5-3 both directions. Rig K2 elecraft, 4 element beam for 10 on a TV rotator off side of house.

Tim O'Rourke KG4CHX

Date: Wed, 27 Dec 2000 08:03:04 -0500

From: Dan Wolfe <n4roa@mounet.com>

To: qrp-1@Lehigh.EDU

Subject: [87241] Holiday Milliwatt

Message-ID: <3A49E888.53D0@mounet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Howdy all,

Man! These milliwatt contests are sure a blast. The contacts are not many but it sure is a big challenge to work with the low stuff. That's what makes it so much fun I guess. Every contact is a very memorable event. We do need more participation though.

W7ZOI, ole Wes, turned out to be my first contact after a late start. The most fun during the event was with K0ZK, Arn. He was at 5W and I at 50mw on the initial contact. He was amazed at my power level and signal so asked if I could go lower. I turned down to 20mw and still he had good copy. I think he may have been in doubt as he said wait and heard him turning down his power. He sent back 50mw and was good copy. I think he may try lower power now. hee hee I did not count the 20mw contact.

Pickin' was kinda slim until NQ9RP, Jerry, and NQ5RP, Jim, ole mille-watt himself, showed up in the last 10 minutes. Jerry was at 500mw and Jim at 100mw. That brought my score up form nothing. hee hee

I will be in there again today. Too much fun to miss out on. Please jump in a few minutes and give it a try. See you on the bands. Have fun.

72..Dan, N4ROA

Date: Wed, 27 Dec 2000 08:15:38 -0500
From: geoff allsup <gallsup@whoi.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87242] Followup: Sierra Kit - silver solder needed?? opinions??
Message-ID: <3A49EB7A.4C84109E@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who replied:

the consensus is to use a good quality 60/40 solder and should be fine.

Sounds good to me...I've built lots of stuff, both ham gear, and tons of oceanographic and meteorological instrumentation used in long term experiments, and always used a Kester or Multicore 63/37 solder with very dependable results.

So I'll have at it and hopefully have a Sierra on the air in the not to distant future...

73,
geoff
--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Wed, 27 Dec 2000 06:31:12 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [87243] F/S or swapp
Message-ID: <000701c07009\$48bdf8c0\$7add070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking to swap MFJ 9020 transceiver with filter for Vibrokeyer model 120 single paddle. 72 KF7ET colcal@srv.net

Date: Wed, 27 Dec 2000 08:35:40 -0500
From: w4bws@juno.com
To: TORourke@KaiserFT.com
Cc: qrp-1@Lehigh.EDU
Subject: [87244] Re: Miles per watt
Message-ID: <20001227.083545.-207467.1.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Congrats Tim. Last night I finally got output from my HW8 on 40 meters. Heard IK2BGD and gave him a call -SHAZAM- he returned a 559 to my 1.5 watts on the GAP vertical. He was solid 579 at 100 watts. Let's see- according to my World Atlas that's a distance of 6500 miles at 1.5 watts is 4333 miles per watt. By jove I believe I made it. As it has been said before- Aint this QRP fun? Now to get rid on the SW broadcast station interference on 40, which is there no mater what freq the dial is on, and the low frequency audio growl and the HW8 is ready for fox hunting in 2001.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

On Wed, 27 Dec 2000 06:28:14 -0500 Tim ORourke <TORourke@KaiserFT.com> writes:

> I do not know if this is a record but on 12/26 I worked Greece 10 M
> SSB from Charlotte NC with 500mw he was 350mw. 5-3 both directions.
> Rig K2 elecraft, 4 element beam for 10 on a TV rotator off side of house.
> Tim O'Rourke KG4CHX

end

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Dec 2000 09:06:22 -0500
From: w4kyw <gordon@groupz.net>
To: qrp-1@lehigh.EDU

Subject: [87245] old address
Message-ID: <4.3.2.7.2.20001227090415.00aa3c80@mail.groupz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi

Can someone help me have been trying to get an old address purged so that I do not receive two msgs all the time, there is an old one on the list but have tried to get it purged but to no avail HELP

TNX Gordon W4KYW QRP for ever

pse ans direct

Date: Wed, 27 Dec 2000 09:10:02 EST
From: W1R0@aol.com
To: w5yr@att.net, qrp-1@lehigh.edu
Subject: [87246] Re: CC&R's
Message-ID: <a.6bdbe60.277b523a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/26/2000 9:05:11 PM Pacific Standard Time, w5yr@att.net writes:

> I know of no legal way to circumvent CC&Rs once they attach themselves
> to a property. They are just like the property lines on the ground -
> part of the deal.

Here in Las Vegas the Home Owner Associations have gotten together at their regular meetings, voted on and changed their CC&R. They did this as the developer had moved on and they were now in charge of their CC&Rs. They run their neighborhood with the zeal of a prison camp commander. Sad place to live.

A few have tested the CC&Rs out here in court. Some have been successful and creating compromises in their favor. Others were told by the judge, "you bought the CC&Rs when you signed the papers, live with it or move."

In the past people bought houses in the country clubs to get cheaper golf rates. Here in Nevada we have an organization doing the same for gun owners. If you like to shoot and have use of many shooting ranges you can buy into their, "shooting club".

Why not do this for Ham radio?

72

Jim

W1RO/7

Date: Wed, 27 Dec 2000 09:25:35 -0500
From: "David Maliniak" <dmaliniak@verticalnet.com>
To: <qrp-l@lehigh.edu>
Cc: <njqrp@njqrp.org>
Subject: [87247] New call
Message-ID: <000601c07010\$e1028400\$1c01a8c0@vertical.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, my Christmas present to myself arrived today. N2SMH is no more: I'm now the proud holder of AD2A, according to the FCC database. So if you hear N2SMH anymore, it's a slim. :-)

72,

David, AD2A

Glen Rock, NJ

Date: Wed, 27 Dec 2000 10:16:36 -0500
From: Duffer <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [87248] re: HW-9 problems
Message-ID: <3A4A07D4.DBEA7256@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Barry.

The first thing to do is study the schematic and use some reasoning. i.e., The rig works everywhere else on TX and RX so it can't be anything too serious.

You said that the HW-9 is not transmitting... Is it receiving on 40m ?

If it is also not receiving on 40m then you want to check around the HFO of the Oscillator circuit board. (Top of the rig.)

This circuit affects both RX and TX.

Check that the HF0 crystal is oscillating (21.830 MHz). You can try tuning L125.

Also check the tuning of the bandpass filters for the 40m section on that same board (L103 & L104). The tuning is critically sharp and you have to have both tuned to the right spot for optimum output of the HF0.

I recently had a similar problem with an HW-9 that I picked up and it turned out to be a bad crystal.

If it is receiving on 40m but just not transmitting, you want to concentrate on the 40m TX bandpass filters on the T/R circuit board. This circuit affects TX only.

Try adjusting L403 and L404. Again, the tuning of these is sharp and you have to have them both in the right spot for optimum performance. Failing this, I would suspect a bad contact on the main band select switch.

Use your ohm meter to check for proper continuity where direct contact should be seen when 40m is selected.

Check for continuity through the output BPF and look for possible shorts to ground.

Hopefully, you have a schematic and can follow my suggestions.

Let me know more details as you start looking into it.

Cheers de Hugh VA3TO

Have a very nice HW9 bought used (how else?) about 2 months ago. Works fine

(as unmodified HW9s do) in all respects except one - no RF output on 40 metres. All other bands work respectably for an HW9 - and appears to key

and

function normally on 40 BUT no measurable RF out when I key.

Ideas? Has been suggested to me that the output toroid core may have deteriorated and coil needs to be replaced - but what sources are there for correct parts?

Date: Wed, 27 Dec 2000 08:23:35 -0700

From: jaywa5whn@juno.com

To: qrp-1@lehigh.edu
Subject: [87249] PSK-31.5/MFSK-16
Message-ID: <20001227.082340.-744397.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Let's see, 7+" of snow on the ground {over 16" up @ KK6MC's QTH}, wind in excess of 30 mph, temperature hovering around +25 deg. F / -3.9 C . It's time to play with the little radios.

Lots of qrp signals using MMTTY, MFSK-16 & PSK-31 software on 20 & 40 meters. {Jan. '01 "QST" has the urls}

With my trusty Compaq 120 MHz Pentium laptop & PSK-20 & Warbler xcvs in doors, let it snow. :-)

I am talking to numerous Arkansas, Oklahoma & North Texas Stations who are on battery & generator power via HF.

FYBO 2001 is about 1 month away.

Did anyone notice that NN1G has a PSK-40 xcvr kit available?

72...Jay, WA5WHN DM65qd Albuquerque, NM USA
{formerly the banana belt}

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Dec 2000 11:01:44 -0500 (EST)
From: baltimoremd@baltimoremd.com
To: W1R0@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87250] Re: CC&R's
Message-ID: <Pine.BSI.4.05L.10012271059420.1206-1000000@vh1.min.net>
MIME-Version: 1.0

The Raiders of the Lost RF - 27	The Big Dawgs - 47
Mary - NA6E	ET - N1FN
Fred - VE3FAL	Tom - N5TW *
Rob - VE6JAZ *	Larry- N2WW *
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *

The ScQRPions - 43

Floyd - NQ7X *

Brian - K7RE *

Conard- WS4S

Chuck - K7QO *

Bob - NK7M *

The Cheeseheads - 49

Brian - AE9K *

Jerry - N9AW *

Rick - NK9G *

Lou - W9XU *

Jim - WA9TZE

The New England Hunt Club - 21

Joel - K1QM(SK)

John - K1JD *

Jim - KC1FB

Aron - N10DL

John - KB1ENS *

Seab - AA1MY

The Buffalo Wings - 20

Mark - K2QO

Dave - AA2PF

Howard- K2UD

Bob - K2VNM

Scott - AC3A

The Flying Pigs#2 - 8

Andy - N8MX

Kent - KB9VZS

Ron - N8VAR

Kenn - KM7KEN

Andrew - AC7CF

The Cajun Thunder - 30

Joel - KE1LA

John - K5JS

Wayne - K5E0A

Jim - N5IB

Tom - AC5JH *

The VA Hams + OLW - 1

Mike - KT4FJ

Doug - W4IDW

The Flying Pigs #1 - 20

Diz - W8DIZ

Rick - WB6JBM

Dan - N8IE *

Brian- KB9BVN

Dave - WR50

The Houston Hounds - 48

Bill - K5ZTY *

Bill - W5SB *

Terry- KQ5U *

Dan - KK5LD *

Danny- WA50JE

The Swamp Rats - 37

Paul - K4FB *

Jack - K4BYF

Pete - NV4V

Fred - W2XN

Tom - N1TP *

The Bayou City Brass Pounders - 51

Ed - K5VUU *

Bob - N5ET *

Henry - W5HNS * Clean Sweep

OJ - K10J *

Bruce - N1LN *

The Fox Terrors - 47

Tim - K5OI *

Don - K5AAR *

Karl - K5DI * Clean Sweep

Dave - W0CH *

Doc - K0EVZ *

The Underdogs - 32

Dan - N4ROA *

Roy - AB7CE

Art - KB7WW

Glenn - WA7SPY

Ron - KI0II *

The NE-TX Tornados - 36

Bill - K5JHP

Chuck - W5USJ

Skip - K0YWD
John - W4IM
Paul - W2RIA

Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 47
Mert - W0UFO
Scott- N0AR *
Craig- AA0ZZ *
Jim - N0UR *
Pat - K0PC *

The Cockroaches - 3
Gary - KM5TY
Dave - N0IT *
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 13
Thom - WI8W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 14
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 27 Dec 2000 15:53:25 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [87252] Another coincidental sailor story

Message-ID: <20001227.155338.-309975.3.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

Funny thing. I got an email from one of the listers who had visited my new ham radio web pages (yeah, they're up -- 'cept for the history ones 'cause they's the most complex). He was on the USS Saratoga same time I was.

Which got me thinkin': There's a USNRA (US Navy Radioman's Association). I wonder how many of 'em is hams & if they have some kind of on-the-air gathering. And then I wonder if there's anything like a contest for old salt sparks what might be QRPish.

Like I got time to think about this stuff or something. As in: "Like I got time to organize something like this, even."

Like a couple days ago on 40m CW I had a one-after-'nother Q with three guys runnin' or interested in whatever radio I had on the air at the time. (I started out on the '2020 but switched to the K2 when it was obvious that I was gonna have to use serious filters just to hang on.) John (W9BYN), Leo (K3MZY), and George (W3ANX) each was interested in the QRP thing. George, I think it was (lost the sheets of paper what I'd copied the important stuff onto), had his K2 on the air. So we did one of those K2-K2 Qs. Short 'cause I had to get on the gift wrapping work party what Cindy (the CO) had called away.

Either I ain't gettin' on the air often enough to have such interesting coincidences or I ain't getting on the air often enough when everybody else is.

Maybe I should get on the air right now . . .

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

GET INTERNET ACCESS FROM JUNO!

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Dec 2000 10:22:01 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>

Subject: [87253] OT - Help please -

Message-ID: <Pine.LNX.3.95.1001227101606.19984E-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I received a Logitech QuickCam VC for my birthday on Dec.23 and of course installed it, hooked it up and am having a problem...when the program boots up, the cursor operates SO slowly that it's almost going "backwards" eh?....at this rate, I'm going to wear the trackball out eh...so I need to e-mail with someone who has one of these or is into the computer-cam thing....I can give all the details so please reply direct....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Wed, 27 Dec 2000 16:52:20 +0000

From: Larry S Cahoon <wd3p@juno.com>

To: qrp-l@Lehigh.EDU, qrpp@egroups.com

Subject: [87254] Wallpaper

Message-ID: <20001227.165230.-298165.0.wd3p@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

The mailman arrive yesterday with some nice new wall paper from the ARRL

First place MDC section in last February's DX contest - single op, QRP.

Actually I ran it at 500 mWatts, but they don't put an endorsement on for QRPP.

73 de Larry.....WD3P in MD

<http://www.gsl.net/wd3p>

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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Dec 2000 11:02:18 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>

Subject: [87255] FOX - Team Results -

Message-ID: <Pine.LNX.3.95.1001227105532.24523A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #12 - NK6A -

The Raiders of the Lost RF - 27

Mary - NA6E

Fred - VE3FAL

Rob - VE6JAZ

Earl - VA6RF

Bruce- VE5RC

The Big Dawgs - 52

ET - N1FN *

Tom - N5TW *

Larry- N2WW * Clean Sweep

Bill - K0MP *

Bob - N6WG *

The ScQRPions - 47

Floyd - NQ7X *

Brian - K7RE *

Conard- WS4S

Chuck - K7QO *

Bob - NK7M *

The Flying Pigs #1 - 21

Diz - W8DIZ

Rick - WB6JBM

Dan - N8IE *

Brian- KB9BVN

Dave - WR50

The Cheeseheads - 54

Brian - AE9K *

Jerry - N9AW *

Rick - NK9G * Clean Sweep

Lou - W9XU *

Jim - WA9TZE *

The Houston Hounds - 52

Bill - K5ZTY *

Bill - W5SB *

Terry- KQ5U *

Dan - KK5LD *

Danny- WA5OJE

The New England Hunt Club - 21

Joel - K1QM(SK)

John - K1JD

Jim - KC1FB

The Swamp Rats - 38

Paul - K4FB *

Jack - K4BYF

Pete - NV4V

Aron - N10DL
John - KB1ENS
Seab - AA1MY

Fred - W2XN
Tom - N1TP

The Buffalo Wings - 20
Mark - K2Q0
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Bayou City Brass Pounders - 55
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Bob - N5ET
Henry - W5HNS *
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 9
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF *

The Fox Terrors - 51
Tim - K50I
Don - K5AAR *
Karl - K5DI *
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 32
Joel - KE1LA
John - K5JS
Wayne - K5E0A *
Jim - N5IB
Tom - AC5JH *

The Underdogs - 35
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY
Ron - KI0II *

The VA Hams + OLW - 1
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 40
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 49
Mert - W0UFO
Scott- N0AR
Craig- AA0ZZ *
Jim - N0UR *
Pat - K0PC

The Cockroaches - 3
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 14
Thom - W18W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 15
Bill - NT1R
Thaire - W2APF
David - K7EL *
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank

you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 27 Dec 2000 23:02:02 -0600
From: "Glenn Butzlaff" <gbutzlaff@voyager.net>
To: <qrp-1@Lehigh.EDU>
Subject: [87256] Exchange for Holiday Milliwatt Contest?
Message-ID: <002a01c0708b\$51ec9c80\$e547cfa9@biff>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What is the exchange for the Millliwatt contest?

Glenn Butzlaff, WE9K

Date: Wed, 27 Dec 2000 09:04:25 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: gbutzlaff@voyager.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [87257] Re: Exchange for Holiday Milliwatt Contest?
Message-ID: <3A4A2119.5E121CCA@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try this

<http://listserv.lehigh.edu/lists/Archives/qrp-l/0073.html>

Art
KB7WW

Glenn Butzlaff wrote:

>
> What is the exchange for the Millliwatt contest?
>
> Glenn Butzlaff, WE9K

Date: Tue, 26 Dec 2000 19:45:14 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87258] Fox and CC&R's
Message-ID: <000d01c07026\$fc788980\$63c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi All,

Just a little observation.....

When I had that Force 12 on the 85' tower, if I called the Fox more than 3 or 4 times using 250 mW and didn't get him, I would go look to see if the antenna was still there.

Now, running the full 5w into the High Sierra Screwdriver mounted on the RV, if I even get the Fox I do the happy dance! Wheeeeeee.....I got another Fox tonight!!!!

And the real thing that is wrong with CC&R's is that they limit/restrict/prohibit anything! What ever happened to owning your own property or freedom?? Now if your lot is so small that your tower can fall on your neighbors house/yard, then they have a right to stop you. :-)

See how easy life is when you don't let the facts get in your way?

OK, back in my hole.....

cul, Ron KU7Y
Full time RVing somewhere in the West!
(Currently near Quartzsite, AZ)

Date: Wed, 27 Dec 2000 11:55:56 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <ku7y@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87259] Re: Fox and CC&R's
Message-ID: <004901c0702e\$45af5960\$0200a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Freedom? What's that?

Once was, "freedom to do (whatever)." Now it's "freedom from (whatever)."

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: "Ron, KU7Y" <ku7y@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 26, 2000 20:45 PM
Subject: Fox and CC&R's

> limit/restrict/prohibit anything! What ever happened to owning your own
> property or freedom?? Now if your lot is so small that your tower can
fall

Date: Wed, 27 Dec 2000 13:40:22 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'ku7y@qsl.net'" <ku7y@qsl.net>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [87260] RE: Fox and CC&R's
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C94F@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Now if your lot is so small that your tower can fall
> on your neighbors house/yard, then they have a right
> to stop you. :-)

Many of the lots that have CC&Rs prohibiting antennas are far from small. And the real problems are not even that they permit towers; most CC&Rs even prohibit the wire in the trees.

Now, it is argued by some that people have a choice about where to live and in accepting the CC&Rs. In some areas of the country, the Northeast being an example, hams do indeed have a choice. But in many areas, all recent development that is any reasonable drive to and fro work has CC&Rs. Is it really a "choice" to have to live in an older home, with all of its associated maintenance problems, or have to live a 2-hour drive from work?

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----
From: Ron, KU7Y [mailto:ku7y@qsl.net]
Sent: Tuesday, December 26, 2000 9:45 PM
To: Low Power Amateur Radio Discussion
Subject: Fox and CC&R's

Hi All,

Just a little observation.....

When I had that Force 12 on the 85' tower, if I called the Fox more than 3 or 4 times using 250 mW and didn't get him, I would go look to see if the antenna was still there.

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OK, back in my hole.....

cul, Ron KU7Y
Full time RVing somewhere in the West!
(Currently near Quartzsite, AZ)

Date: Wed, 27 Dec 2000 12:47:17 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [87261] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001227124052.29968A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #13 - N7CQR - Dan -

The Raiders of the Lost RF - 30	The Big Dawgs - 57
Mary - NA6E	ET - N1FN *
Fred - VE3FAL	Tom - N5TW *
Rob - VE6JAZ *	Larry- N2WW * Clean Sweep
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *

The ScQRPions - 50

Floyd - NQ7X *

Brian - K7RE

Conard- WS4S

Chuck - K7Q0 *

Bob - NK7M *

The Cheeseheads - 58

Brian - AE9K

Jerry - N9AW *

Rick - NK9G *

Lou - W9XU *

Jim - WA9TZE *

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Roy - AB7CE

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Glenn - WA7SPY *

Ron - KI0II *

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Skip - K0YWD
John - W4IM
Paul - W2RIA

Chuck - W5USJ *
Don - K5DW *
George- W5YR *
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Scott- N0AR *
Craig- AA0ZZ * Clean Sweep
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Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

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Thom - WI8W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 15
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 27 Dec 2000 12:02:25 -0700

From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
To: <qrp-l@lehigh.edu>
Cc: <rbaxter@cybertrails.com>
Subject: [87262] Tuner-torial
Message-ID: <sa49dc07.004@mail.narbha.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

What's the tuning procedure?

Excuse me if my mental fly is open. I'm a proud, card-carrying newbie and =
I have another newbie question. Let me qualify that. I've been a Tech Plus =
for 6 years and have only done 2-meter phone on the local, open repeater, =
N7SK0, 146.760. I've been torturing a 40m QRP xcvr kit for quite some =
time. Its built, somewhat calibrated and I'm on to the next phases...bench =
ground/tuner/antenna height/QSO. I've had lots of help from qrp-l and =
Internet Elmers (Bisbee Bob) and I hope to pass along this knowledge some =
day. Here's my proposal: I don't have a tuner but I'm gonna get one. In my =
research, I can't find anything that really explains how to use it. Even =
"Now You're Talking" & "ARRL General License" gloss over the tuning steps. =
I've also taken a look at several such as the MFJ tuner, the Norcal BLT (I =
like the kit aspects of that one) and a DeMaw design on a Japanese qrp =
webpage. I've grasped the balanced & unbalanced connections. And, I've got =
the garden variety Radio Shack SWR/power meter, dummy load and a bizarro, =
almost halfwave dipole on the roof. What's the tuning procedure? I'm =
looking for Step 1,2,3.

The tuners I've looked at have three knobs; Transmitter - Inductor - =
Antenna and some switches. If it helps, I was contemplating on sending =
away for a Norcal BLT. Perhaps if I had some help specific to that =
tuner.=20

Sincere thanks,
Patrick, KC7AIR
Kingman, Arizona

Date: Wed, 27 Dec 2000 14:30:11 -0500
From: Radioham <radioham@home.com>
To: qrp-L@lehigh.edu
Subject: [87263] FS - HW-9
Message-ID: <5.0.2.1.0.20001227142757.00a005b0@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The Ten Tec 509 is sold to a good home. The HW-9 remains. Need to clear
off the station table so the K-2 can dominate, so a few bux off:

Heath HW-9 with WARC bands and original manuals. Very good shape physically and electrically and I use it regularly for CW QSOs. About 5 watts output (you can coax out one or two more with a robust power supply as opposed to a gel cell). The case (not the face or rear) has been repainted - very good paint match, but case paint is not original.

\$285.00 shipped in CONUS

72/73,

Steve, N4EUK
Reston, VA

Date: Wed, 27 Dec 2000 14:39:10 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87264] TL082 14pin?
Message-ID: <5.0.2.1.0.20001227143434.00a1a0c0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello and Merry Christmas,

I am planning to build the W1FB active audio filter (p. 69 in the QRP Notebook) and ordered the board from Far Circuits. The circuit uses 14 pin TL082s. However, the TL082s that I have are the 8 pin versions. After exhausting my resources, looking for the 14 pin version, I'm stumped. Does a 14 pin version exist? Is there a typo in the QRP Notebook's circuit? What's up?

Thanks,
73
Ed AA3SJ

Date: Wed, 27 Dec 2000 13:52:07 -0600
From: "kc0bdw" <kc0bdw@email.msn.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [87265] warbler and digipan
Message-ID: <003101c0703e\$80be1cc0\$0c1c0f3f@computer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Santa brought me a copy of Win 95 (actually my friend) for christmas. So now I'm running Digipan now. I have one small problem.. On the waterfall display there is one signal about 2 bars from 3850. It has to be from me, because when I get close to the crystal right behind the in and out jacks it changes freq. a little.. Anyone else have this problem (if it is one) and a fix for it? Yes the crystals are off of the board..

Date: Wed, 27 Dec 2000 12:59:45 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Patrick McVey <mcvey@MOHAVE@narbha.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87266] Re: Tuner-torial
Message-ID: <Pine.SUN.4.10.10012271230320.6626-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Dec 2000, Patrick McVey wrote:

> What's the tuning procedure?

> I've got the garden variety Radio Shack SWR/power meter, dummy load and
> a bizarro, almost halfwave dipole on the roof.

Patrick,

How to tuneup an antenna tuner is a very good question. First, the purpose of an antenna tuner is to match the output of your 50 ohm transmitter to the impedance of your antenna. For the most efficient transfer of power from your transmitter to your antenna, your transmitter needs to see 50 ohms. The antenna tuner is what makes your antenna "look like" 50 ohms. And every antenna has a different impedance. For example, an ideal tuned dipole is around 70 ohms. An untuned antenna will be much higher, hundreds of ohms, perhaps. A vertical antenna is less than 50 ohms, often in the 15-35 ohm range.

Your "almost dipole" I assume means it is a bit "short" of being a half wavelength. SHORT antennas need INDUCTANCE to make it appear longer, while LONG antennas need CAPACITANCE to make it appear shorter. So you will probably need a little inductance ... which your antenna tuner will provide through the INDUCTANCE control.

- > What's the tuning procedure? I'm looking for Step 1,2,3.
- > The tuners I've looked at have three knobs; Transmitter - Inductor -
- > Antenna and some switches.

Most antenna tuners are some form of tuned circuit, often a "pi" network, with a variable capacitance from the transmitter output to ground (the TRANSMITTER control), a variable inductance (the INDUCTOR control) and another variable capacitor from the inductor/antenna output to ground (the ANTENNA control). Usually the procedure is to find the proper inductance required, then tuning the two variable capacitors to set the proper impedance seen by the transmitter.

Here is my recommended 1,2,3 steps. (well, 1,2,3,4)

1. Put TRANSMITTER and ANTENNA controls to midway (12:00 position) and the INDUCTANCE control at minimum inductance (usually the lowest letter or number, such as "A" or "1").
2. Tune your transceiver to find a station near the frequency you wish to operate. Listen to the station for loudness, and move the INDUCTANCE control to different settings to find the spot where the received station has the strongest signal strength. This is likely the proper inductance needed by your tuner.
3. Tune your TRANSMIT and ANTENNA controls for the strongest signal strength.
4. Now transmit, keydown, and monitor your SWR meter, tuning again the TRANSMIT and ANTENNA controls for the lowest possible SWR. Obviously 1:1 is ideal ... 1.5:1 or less should be achieved.

If you can't get close to 1:1 SWR, then move the INDUCTANCE to the next higher setting and try again ... then the next lower setting and try again, until you get the lowest SWR. Record the settings of all three controls, as it will not change as long as you use the same transceiver and antenna configuration. Repeat for different bands or antennas.

One check worth doing when you first do this is to insert your power meter BEFORE the antenna tuner (between transmitter and tuner) and record the power at 1:1 SWR. Now move the power meter AFTER the tuner (between tuner output and antenna) and measure the power again. The two powers should be fairly close. If for some reason you are showing very little power out (say you show 5W before the tuner and 1W after the tuner), it shows most of your power is being radiated by the antenna tuners inductor, that is, the inductor is sucking up most of your power, leaving little getting to the antenna. If this happens (and it CAN with certain antennas and inductor/capacitor settings on the tuner), then go to another INDUCTOR setting and tune for lowest SWR again, and check for the before and after powers again. This doesn't happen often,

but it can, and it can take DAYS of calling CQ before you figure this out otherwise. (Yes, speaking from experience!).

Hope this answers your questions and perhaps a bit of what is going on inside that "black box." GL and let us know how it tunes up with the tuner.

72, Paul NA5N

Date: Wed, 27 Dec 2000 14:03:02 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kc0bdw@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87267] Re: warbler and digipan
Message-ID: <00bf01c07040\$066564e0\$0200a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll bet it's from a TV in your house. I have one there too. Mine's closer to 3580. My radio is not a Warbler.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "kc0bdw" <kc0bdw@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 27, 2000 13:52 PM
Subject: warbler and digipan

> Santa brought me a copy of Win 95 (actually my friend) for christmas. So now
> I'm running Digipan now. I have one small problem.. On the waterfall display

> there is one signal about 2 bars from 3850. It has to be from me, because
> when I get close to the crystal right behind the in and out jacks it
changes
> freq. a little.. Anyone else have this problem (if it is one) and a fix
for
> it? Yes the crystals are off of the board..
>
>
>

Date: Wed, 27 Dec 2000 12:12:36 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: kc0bdw@email.msn.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87268] Re: warbler and digipan
Message-ID: <3A4A4D34.34D10284@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kc0bdw wrote:

>
> Santa brought me a copy of Win 95 (actually my friend) for christmas. So now
> I'm running Digipan now. I have one small problem.. On the waterfall display
> there is one signal about 2 bars from 3850. It has to be from me, because
> when I get close to the crystal right behind the in and out jacks it changes
> freq. a little.. Anyone else have this problem (if it is one) and a fix for
> it? Yes the crystals are off of the board..

I'm not sure what "2 bars" means. But the PSK-80 has an oscillator in
it (Freq set by Y3 and adjusted by C3), used in the direct-conversion
mixer on RX. Since the xtals are all (nominally) 3579 KHz, it is likely
that you would see it in the waterfall.

And you may see other nearby traces, from nearby TVs that use similar
crystals.

73, Phil W7OX

Date: Wed, 27 Dec 2000 14:18:26 -0600

From: "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>
To: <qrp-1@Lehigh.EDU>
Subject: [87269] Re: Tuner-torial
Message-ID: <sa49fa3c.090@idnr4.dnr.state.ia.us>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Paul Harden has posted excellent advice to help you. I just want to add a =
tiny bit more info
to save you some grief that I suffered before I knew much about tuners.

If your tuner has a switched inductance (as opposed to continuously =
adjustable inductance
from a roller inductor), do NOT turn the inductance switch while you are =
transmitting! Turn the
switch to different settings ONLY while you are in the receive mode.

The very high voltages inside the tuner during transmit can result in a =
large damaging spark
at the inductor switch terminals. This can damage the switch. Speaking =
for myself,=20
amateurs radio operators do not intuitively know this.

Best of luck.

72,

Jerry L. Bartachek KD=D8CA
Washington, IA

Date: Wed, 27 Dec 2000 15:19:36 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <edkess@epix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87270] Re: TL082 14pin?
Message-ID: <004701c07042\$571acae0\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow - a quick check of google turned up a LOT of manufacturers for that
part, but no 14 pin DIPs. TI has a 20 pin chip carrier, if you really like
pins, but I suspect that won't fit your PC board any better than the 8 pin.

However, the PC board on p69 is for an LM747 op amp, which IS available in 14 pin, well, 14 pin ceramic (==expensive).

Perhaps a little surgery on the board is in order, since Doug seemed to prefer the 082's based on the text.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Ed Kessler" <edkess@epix.net>

Subject: TL082 14pin?

version, I'm stumped. Does

> a 14 pin version exist? Is there a typo in the QRP Notebook's

> circuit? What's up?

Date: Wed, 27 Dec 2000 11:28:15 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [87271] Milliwatt Contest 2025Z de AL7FS
Message-ID: <3A4A50DF.819BDD37@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bands are not too good yet from up here. I called CQ on 28.061.49 (49th state) for about 10-15 minutes. The other bands have no signals. I did hear beacons from LU-Land, CA, and BC.

More later. I am taking a break.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Wed, 27 Dec 2000 13:51:26 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>

To: Ed Kessler <edkess@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87272] Re: TL082 14pin?
Message-ID: <Pine.SUN.4.10.10012271344300.7198-1000000@shell.r66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Dec 2000, Ed Kessler wrote:

> I am planning to build the W1FB active audio filter (p. 69 in the QRP
> Notebook) and ordered the board from Far Circuits. The circuit uses 14 pin
> TL082s.

<snip>

> Does a 14 pin version exist? Is there a typo in the QRP Notebook's
> circuit? What's up?

Ed,

I just looked at several of our "TI Linear Data Books" and master cross references, and I see NO references to a 14-pin version EVER being available. For the thru-hole types, only the 8-pins are made. The TL082's are a dual op-amp in the 8 pins.

I'll try to remember tonight to look at Doug's QRP Notebook for the 14-pin reference you cite. If he does say that, it is clearly a misprint.

Incidentally, the "TL" devices are originally the Texas Instruments line with "T" for TI and the "L" meaning their Linear series, for those who wonder what the heck the "TL" means (as opposed to "LM" or whatever).

72, Paul NA5N

Date: Wed, 27 Dec 2000 15:55:34 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87273] Re: TL082 14pin?
Message-ID: <012301c07047\$5bf2c680\$LocalHost@PaulChristensen>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TL084 and TL074 quad bifet op-amps have been around a very long time.

Here's one link to their product data sheets. The TL074 is a slightly lower noise version (nV/Sq.Rt. Hz). Otherwise, they're identical.

http://www.onsemi.com/pub/prod/0,1824,productsm_ProductSummary_BasePartNumber=TL084,00.html

-Paul, W9AC

----- Original Message -----

From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 27, 2000 3:51 PM
Subject: Re: TL082 14pin?

>
> On Wed, 27 Dec 2000, Ed Kessler wrote:
> > I am planning to build the W1FB active audio filter (p. 69 in the QRP
> > Notebook) and ordered the board from Far Circuits. The circuit uses 14
pin
> > TL082s.
> <snip>
> > Does a 14 pin version exist? Is there a typo in the QRP Notebook's
> > circuit? What's up?
>
> Ed,
> I just looked at several of our "TI Linear Data Books" and master
> cross references, and I see NO references to a 14-pin version EVER being
> available. For the thru-hole types, only the 8-pins are made. The
> TL082's are a dual op-amp in the 8 pins.
>
> I'll try to remember tonight to look at Doug's QRP Notebook for the
> 14-pin reference you cite. If he does say that, it is clearly a
> misprint.
>
> Incidentally, the "TL" devices are originally the Texas Instruments
> line with "T" for TI and the "L" meaning their Linear series, for those
> who wonder what the heck the "TL" means (as opposed to "LM" or
> whatever).
>
> 72, Paul NA5N
>
>

Date: Wed, 27 Dec 2000 16:00:14 -0500

From: "Ed Tanton" <n4xy@att.net>
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87274] RE: TL082 14pin?
Message-ID: <CKEGICNFDIMCEKEDCEHFGEOMFEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed... you CAN get a 14 pin TL084-it's a quad though. One thing that might help. I believe that many of the 14 pin dual op amps were arranged so that an 8 pin dual would work if placed in the right position in the 'socket'. You might check your pinout and see.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 27 Dec 2000 21:15:35 +0000
From: Brendan Minish <EI6IZ@oceanfree.net>
To: qrp-l@Lehigh.EDU
Subject: [87275] Re: Tuner-torial
Message-ID: <5.0.2.1.2.20001227210646.00a77268@mail.oceanfree.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:59 27/12/2000 -0700, Paul Harden, NA5N wrote:

>4. Now transmit, keydown, and monitor your SWR meter, tuning again the
> TRANSMIT and ANTENNA controls for the lowest possible SWR. Obviously
> 1:1 is ideal ... 1.5:1 or less should be achieved.

PLEASE move to a clear frequency before actually transmitting and tune with the lowest power setting that will give you an SWR reading.

Tune only for short periods of time (so that you can listen for anyone asking you to stop.) I have had many QSO's seriously interfered and in some cases completely lost by careless tuner uppers.

An MFJ SWR analyzer makes a great tool for silent tuning and also for learning how to use a tuner without upsetting anyone, see if you can borrow

one for a day or two.

Once you are tuned, write down the ATU settings to speed up tuning the next time.

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: Wed, 27 Dec 2000 12:22:21 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [87276] Milliwatt Contest 2120Z de AL7FS
Message-ID: <3A4A5D8D.16D60DE4@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No takers on 10 meters, yet. I am hearing beacons from XE1, VE4, KH6, W6, W2, W4, another W4. I will take a break and try it again in a little bit.

73, Jim
2122 UTC

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Wed, 27 Dec 2000 16:22:04 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87277] Re: TL082 14pin?
Message-ID: <00a001c0704b\$13f11a40\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Paul Harden, NA5N" <na5n@rt66.com>
Subject: Re: TL082 14pin?

> I'll try to remember tonight to look at Doug's QRP Notebook for the
> 14-pin reference you cite. If he does say that, it is clearly a
> misprint.

A couple of pages earlier, Doug mentions that the circuit board is for a 747, but that the TL082 works better in that circuit. Unfortunately, the pinouts are enough different that it looks like a considerable hack to use 082s on the board.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 27 Dec 2000 16:48:12 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [87278] MS-15 kit, Drift problems
Message-ID: <200012272122.QAA32590@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Much to my dismay, a drift problem has been noted when transmitting with the MS-15.

I have discovered the main cause of this drift to be the D2 diode, which is in series with the bottom leg of the tuning pot. This diode was supposed to correct for temp drift, but in fact, makes it worse.

The fix is simple, remove D2 and replace with a fixed resistor you select to limit the tuning to the desired min freq, 21.00 or 21.025 as your case maybe. Moving the tuning diode, D1 to the bottom of the board also seems to help. These mods greatly reduce the amount of drift during prolonged transmit.

If you have a small (20 pfd) air variable cap and vernier dial, you can replace the diode tuning with the cap and eliminate all drift. Simply lift the end of L2 which goes to the tuning diode and jumper over to the air variable cap rotor. Ground the stator.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 27 Dec 2000 14:17:15 -0700
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-1@lehigh.edu
Subject: [87279] FOX: preliminary log for hunt #19
Message-ID: <4.3.2.7.0.20001227141408.00a991a0@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

Here's my preliminary log. I think it's pretty close. Unfortunately, I've already heard from several who think they worked me. I didn't have them in the log. I tried but may have made several mistakes. Also, the computer log puts in some info (sometimes incorrectly). Even though I knew Doc was in Missouri temporarily the log forced a previous QTH of ND, but I corrected it. Let me know if you think I've made an error in the log. Otherwise it will stand as is. Thanks again for a wonderful run. I'll have some suggestions for improvement but not right now. Happy new year.

Tim K5OI

FOX Log for K5OI 12/27/00 All reports sent: 559 NM TIM 5W

TIME	CALL	RST	S/P/C	NAME	PWR
0200	K5OI	559	NM	Fox	5W
0200	N7Q0	559	AZ	Chuck	2W
0202	N1LN	579	TX	Bruce	5W
0202	K10J	559	TX	OJ	5W
0203	N5ET	559	TX	Bob	5W
0204	K0MP	559	CO	Bill	5W
0205	K7RE	559	AZ	Brian	5W
0206	NK7M	599	AZ	Bob	5W
0207	K5VUU	559	TX	Ed	5W
0208	NQ7X	559	AZ	Floyd	5W
0209	W5SB	559	TX	Bill	5W
0210	K5ZTY	559	TX	Bill	5W
0211	WE6W	569	CA	Ed	5W
0212	N5EN	559	TX	Steve	5W

0212	KK5LD	559	TX	Dan	5W
0213	KU7Y	579	AZ	Ron	5W
0214	N9AW	559	WI	Jerry	5W
0215	N6WG	559	CA	Bob	5W
0216	W5YR	559	TX	George	5W
0216	N2WW	559	CO	Larry	5W
0217	N1FN	559	CO	ET	5W
0218	K5AAR	559	OK	Don	5W
0219	N4SO	559	AL	Ken	5W
0220	W0PWE	559	IA	Jerry	5W
0222	W5USJ	559	TX	Chuck	3W
0223	AA0ZZ	559	MN	Craig	5W
0224	N5ZE	559	TX	Lew	5W
0225	AE9K	559	WI	Brian	5W
0226	N5TW	599	TX	Tom	5W
0227	K0EVZ	559	MO	Doc	2W
0228	K6VNX	559	CA	Arlen	5W
0229	K5JHP	559	TX	Bill	5W
0230	K5E0A	559	LA	Wayne	5W
0231	K4FB	559	FL	Paul	5W
0232	N4ROA	559	VA	Dan	4W
0232	K5LN	559	TX	Bill	5W
0233	W9XU	559	WI	Lon	5W
0234	K5DW	559	TX	Don	5W
0235	WA7TQK	559	ID	Willie	5W
0236	AA7XA	539	OR	Frank	5W
0238	WA50JE	559	TX	Dan	5W
0239	WA9TZE	559	WI	Jim	5W
0240	W0JO	559	MO	Joe	5W
0242	KQ5U	559	TX	Terry	5W
0243	W5HNS	559	TX	Henry	5W
0245	WS4S	449	TN	Conard	5W
0246	W6ABC	559	CA	Jack	5W
0248	W0UFO	559	MN	Mert	5W
0250	K4BYF	559	FL	Jack	5W
0252	K0PC	559	MN	Pat	5W
0253	AF4LQ	569	KY	Mike	5W
0254	K5PSH	569	TX	Jerry	5W
0256	K7EL	559	OR	Dave	5W
0256	N0AR	559	MN	Scott	4W
0257	WU9F	559	WI	Terry	5W
0258	KB7WW	559	OR	Art	5W
0300	N1TP	559	FL	Tom	5W
0303	KE6JJJ	449	CA	Jeremy	1W
0303	AC3A	559	FL	Scott	5W
0305	VE5RN	229	SK	Brace	5W
0307	N4NJK	559	TN	John	5W
0309	KC1FB	559	CT	Jim	5W

0312	NK9G	559	WI	Dick	5W
0316	K4TJD	559	GA	Tom	5W
0317	K9IUA	339	ND	Kevin	5W
0320	NV4V	559	KY	Pete	5W
0322	K5AEM	559	TX	Jon	5W
0323	WB8ICN	569	MI	Mike	5W
0330	W0CH	559	MO	Dave	5W
0332	WE9K	559	WI	Glenn	5W
0333	NY3M	559	MD	Bill	5W
0335	W9XT	559	WI	Gary	5W
0337	K8CV	559	MI	Walt	5W
0339	N7XY	599	AZ	Bob	5W
0340	N0EHW	559	MO	Tim	5W
0343	K7FD	559	OR	John	5W
0345	N0UR	559	MN	Jim	5W
0346	KI0II/M	559	CO	Ron	5W
0347	KJ0C	339	MO	Jim	5W
0350	K5GQ	559	CA	Robert	5W
0351	VE3FAL	559	ON	Fred	5W
0353	W0LK	559	AR	Bob	4W
0354	N5IB	559	LA	Jim	5W
0356	KB1ENS	559	VT	John	5W
0357	N50HL	559	OK	Jim	5W

Total	QSOs	85
-------	------	----

Date: Wed, 27 Dec 2000 16:55:51 -0500
From: "Steve Hanson" <ke1lg@qsilver.net>
To: <qrp-1@Lehigh.EDU>
Subject: [87280] Need help-SWR increases with power...
Message-ID: <000b01c0704f\$c803e680\$8195e3d8@mint.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Why does my SWR reading increase when I increase power? For example, on 40M at 4 watts into my untuned 130' dipole, SWR reading, both on my TT 580 Delta, and on outboard Kenwood meter is abt 1.2, BUT, if I increase power to, say 80 watts, My SWR will go up to about 2.5+. I can tune the ant. to bring it back down, but why does it go up with power? Will I blow my finals if I continue to run at 4 watts to untuned ant with both meters reading 1.2?

Many thanks,

Steve in Maine KE1LG

Date: Wed, 27 Dec 2000 22:03:22 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [87281] K1 30 meter band module question
Message-ID: <5.0.2.1.0.20001227215622.00a06ec0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Just received today my parts for the 30 meter band for the K1 band module. This is the rig that I bought in October at Pacificon.

OK, parts installed except for C18. The parts have a 10pF

cap and the parts list shows 4.7 or 5pF. Elecraft home page has no errata and their office is closed. HELP. :-)

Anyone got a 30 meter module and can tell me what C18 is? I could experiment but I don't have the time. Busy writing up the IA QRP 10 web page stuff and just took a quick break to build this so I could listen to 30 meters while typing. I don't want to put it together, align, and then remove....

I'm going after 30 meters with a vengeance pretty quick like we did during TEMPS a few years ago. Listen for me there every day and night until the band closes daily. Forty meters only for foxhunts and late late nights.

Thanks in advance.

Oh. It's Dec 27, 2000 2159UTC (Wednesday I think) and someone should have me an answer within the hour. Don't bother after that unless you feel you have the definitive answer and I've asked again.

FYI es dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Wed, 27 Dec 2000 17:04:17 -0500
From: <sdmarko@attglobal.net>
To: <qrp-1@lehigh.edu>
Subject: [87282] Wacky Reciever Quandary
Message-ID: <001801c07050\$f69db880\$3a9b6620@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To whoever:
What circuits do I need for a 2-meter transmitter with speech transmission?
As in: block diagram form?

72/73
I. Markowitz

----- (hi) -----

Date: Wed, 27 Dec 2000 14:09:53 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: ke1lg@qsilver.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87283] Re: Need help-SWR increases with power...
Message-ID: <3A4A68B1.F1B9DC4E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Hanson wrote:

>
> Why does my SWR reading increase when I increase power? For example, on 40M
> at 4 watts into my untuned 130' dipole, SWR reading, both on my TT 580
> Delta, and on outboard Kenwood meter is abt 1.2, BUT, if I increase power
> to, say 80 watts, My SWR will go up to about 2.5+. I can tune the ant. to
> bring it back down, but why does it go up with power? Will I blow my finals
> if I continue to run at 4 watts to untuned ant with both meters reading 1.2?
>

Not enough data in your message re the meters, Steve. But if you have a meter capable of measuring power/SWR for 0-100 W for example, its reading will be more accurate at the high end of the scale (e.g., 80 W vs. 4 W).

But are these meters single scale, or are you switching scales when you make the readings? If multiple scales, what is Full Scale in each case (accuracy is usually in % of FS)?

73, Phil W7OX

Date: Wed, 27 Dec 2000 17:17:16 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <ke1lg@qsilver.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87284] Re: Need help-SWR increases with power...
Message-ID: <024201c07052\$cad59cc0\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Steve Hanson" <ke1lg@qsilver.net>
Subject: Need help-SWR increases with power...

> Why does my SWR reading increase when I increase power? For example, on
40M
> at 4 watts into my untuned 130' dipole, SWR reading, both on my TT 580
> Delta, and on outboard Kenwood meter is abt 1.2, BUT, if I increase power
> to, say 80 watts, My SWR will go up to about 2.5+. I can tune the ant. to
> bring it back down, but why does it go up with power? Will I blow my
finals
> if I continue to run at 4 watts to untuned ant with both meters reading
1.2?

If your SWR meter uses silicon diodes, and many do, there is a substantial voltage drop, which can cause misleadingly low SWRs at lower power. 4 watts seems like enough, tho. It does seem odd to me, tho, that 2 meters would show the same error. Somewhat similar I could see, but there are so many SWR circuits around I'd be surprised to trip across 2 with the same circuit (and hence the same error) from different manufacturers.

Do you perhaps have some component that can't take 80 watts? Is the change in SWR abrupt? (Depending on where it occurs, it could be the diode, or it could be something arcing). Mebbe with 80 watts you're melting the sneaux!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 27 Dec 2000 16:24:40 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
To: <ke1lg@qsilver.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [87285] RE: Need help-SWR increases with power...
Message-ID: <000001c07053\$ce664820\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You probably have something close to the antenna, including the ground, that is becoming significant with the increased power. I have the same situation

with a 2-meter J-pole. At 10 watts I get about 1.2:1. If I increase to 300 watts the television antenna 20 feet away causes the SWR to increase to 2:1. How do I know it's the TV antenna? If I take the antenna down the SWR goes down to 1.2:1 at 300 watts.

You might also have an insulator (or coax) that is breaking down with the higher voltage. Check your connectors as well. You might have a bad joint that doesn't show up until you increase the current through it.

Hope this helps.

Kevin, WB5RUE

I am Voltohm of Borg! Resistance is E/I , power is EI , you will be attenuated!

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Steve Hanson

> Sent: Wednesday, December 27, 2000 3:56 PM

> To: Low Power Amateur Radio Discussion

> Subject: Need help-SWR increases with power...

>

>

>

>

> Why does my SWR reading increase when I increase power? For

> example, on 40M

> at 4 watts into my untuned 130' dipole, SWR reading, both on my TT 580

> Delta, and on outboard Kenwood meter is abt 1.2, BUT, if I

> increase power

> to, say 80 watts, My SWR will go up to about 2.5+. I can

> tune the ant. to

> bring it back down, but why does it go up with power? Will I

> blow my finals

> if I continue to run at 4 watts to untuned ant with both

> meters reading 1.2?

>

> Many thanks,

>

> Steve in Maine KE1LG

>

>

>

Date: Wed, 27 Dec 2000 16:57:22 -0600
From: "kc0bdw" <kc0bdw@email.msn.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [87286] Re: warbler and digipan
Message-ID: <007201c07058\$60c91e00\$2d1a0f3f@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It could very well be a tv. There is an old one in the other room (next to the shack).. What I meant by second bar is on the waterfall display there are notches every so often on the top between the freq.. It is a rather strong signal.

KC0BDW
Hal

Date: Wed, 27 Dec 2000 15:36:59 -0800 (PST)
From: wa4dou@excite.com
To: k7qo@primenet.com, qrp-1@lehigh.edu
Subject: [87287] 30 meter band
Message-ID: <24447056.977960219089.JavaMail.imal@derby>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck, 30 meters never closes! Not even in the bottom of the cycle. It just becomes inactive ! :0) 73 Roy WA4DOU

Send a cool gift with your E-Card
<http://www.bluemountain.com/giftcenter/>

End of QRP-L Digest 2049
